

IN THE CLAIMS

Please cancel claim 1.

Please add the following new claims:

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17. A method of treating a vascular proliferative disease in a patient comprising site specifically administering *in vivo* a therapeutically effective amount of a composition comprising a pharmaceutical carrier and a nucleic acid encoding p27, wherein said amount is sufficient for inhibiting proliferation of a vascular smooth muscle cell.
18. The method of claim 17, wherein the nucleic acid encodes a mutated p27 comprising one or more amino acid insertions, deletions or substitutions in native p27, wherein the mutated p27 has substantially the same biological function as native p27.
19. The method of claim 17, wherein the nucleic acid encodes native p27.
20. The method of claim 17, wherein the nucleic acid is an expression vector.
21. The method of claim 17, wherein a viral particle contains the nucleic acid.
22. The method of claim 17, wherein a liposome contains the nucleic acid.
23. The method of claim 17, wherein the vascular proliferative disease is restenosis.
24. The method of claim 23, wherein the restenosis is coronary or peripheral.
25. The method of claim 17, wherein the vascular proliferative disease is atherosclerosis.
26. The method of claim 17, wherein the vascular proliferative disease is angiogenesis.
27. The method of claim 17, wherein a catheter is used to site specifically administer *in vivo* the therapeutically effective amount of the composition.
28. A method of inhibiting smooth muscle cell growth in a patient comprising site specifically administering *in vivo* a therapeutically effective amounts of a composition comprising a pharmaceutical carrier and a nucleic acid encoding p27, wherein said amount is sufficient for inhibiting growth of a smooth muscle cell.
29. A kit for treating a vascular proliferative disease in a patient comprising a catheter and a nucleic acid comprising a gene encoding p27.
30. The kit of claim 29, wherein the catheter is a single balloon catheter.
31. The kit of claim 29, wherein the catheter is a double balloon catheter.